

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mitsuaki MORITANI et al.

Title: CONTENT INFORMATION  
MANAGEMENT APPARATUS  
AND CONTENT INFORMATION  
MANAGEMENT METHOD

Appl. No.: Unassigned

Filing Date: CONCURRENTLY HEREWITH

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date February 19, 2004

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	Unassigned
				<b>Filing Date</b>	CONCURRENTLY HEREWITH
				<b>First Named Inventor</b>	Mitsuaki MORITANI
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
(use as many sheets as necessary)				Attorney Docket Number	088485-0244
Sheet	1	of	1		

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		U.S. Patent Application (Published Version) No. 2002/0035621 A1 (Published March 21, 2002); "XML-based language description for controlled devices"	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO)

<sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

# BACKGROUND ART INFORMATION

TOSHIBA

The following information has been determined, to the best of TOSHIBA's ability, as possibly relevant to the describing and claiming of the invention of the subject case in a U.S. patent application.  
Based on this information and pursuant to 37 CFR 1.56(b), please prepare and file the proper Information Disclosure Statement or equivalent document.

## INVENTOR'S INFORMATION

★	PATENT NUMBER, PUBLICATION,	INVENTOR(S), AUTHOR(S)	DATE etc.
<b>米国特許出願公開公報 No. 2002/0035621 A1 (March 21, 2002)</b>			
"XML-based language description for controlled devices"			
★	CONCISE EXPLANATION		
<p>本発明が適用される UPnP (Universal Plug and Play) 機器の仕様を 書かれていた。</p>			
★	米国特許 6,078,924 (June 20, 2000)		
★	"Method and apparatus for performing data collection, interpretation and analysis, in an information platform"		
<p>多種多様な収集、分類し表示する方法を述べる。1-13頁同一コンテンツの複数に亘り 述べられており、また、一旦収集して保持すれば前記より、必要に応じて再収集を行う場合、 該</p>			
★			
★			
<b>PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA(ASSIGNEE)</b> APPLICATION NUMBER      TOSHIBA REFERENCE      COUNTRY      AGENT      MEMO			
INVENTOR(S) SIGNATURE & DATE CHECKED BY			
Mitsuaki Morita Oct. 8, 2003 Ken Nishida Oct. 8, 2003 Kazueki Sawamura Oct. 8, 2003 Hiroshi Niina Oct. 9, 2003 Yasuhiko Morioha Oct. 16, 2003			
石橋			

## PATENT ENGINEER'S INFORMATION

PATENT ENGINEER'S COMMENT ON INVENTOR(S) INFORMATION OR PATENT ENGINEER'S INFORMATION			
★	Helen Toma Oct. 28, 2003		
★			
CHECKED BY      PATENT ENGINEER(S) SIGNATURE & DATE			
Oct. 28, 2003      Helen Toma Oct. 28, 2003			

Translation of the attached sheet (Japanese text portions only)  
Background Art Information

Patent No./Publication      Inventor(s)/Author(s)      Date etc

U.S. Patent Application (Published Version) No. 2002/0035621 A1  
(Published March 21, 2002); "XML-based language description for controlled devices"

\*Concise Explanation

This application describes specifications for UPnP (Universal Plug and Play) devices, and the present invention is applied to the specifications.

U.S. Patent No. 6,078,924 (Date of Patent: June 20, 2000); "Method and apparatus for performing data collection, interpretation and analysis, in an information platform"

\*Concise Explanation

This patent may describe the collection, classification and display of various kinds of data, but does not mention how to sort data or how to check identical contents. The premise of the patent lies in collection and retention of data, and the patent does not perform re-collection of data, as needed.

\*Concise Explanation

Prior Applications of Inventors or of Kabushiki Kaisha Toshiba (Assignee)	Application No.	Toshiba Reference	Country	Agent	memo
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Inventor(s)

Signature & Date

Patent engineer's comment on inventor's information or patent engineer's information

None

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Checked by

Dated

Toshiba Reference

Japanese Agent's Ref

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